

Set Manager

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Overview

The Set Manager can control most aspects of sets usage in TechTracS. The Set Manager can be used to :

- create a new set
- clear a set
- use a selected
- rename a set
- save a set
- load a set
- perform set operations

Set Manager- Tip #75

Set Manager dialog for the [Technology] table

Sets from [Technology]		Records in Set
<div></div>		
First set	<div>None Selected</div>	Empty
Second set	<div>None Selected</div>	Empty
Operation	<div><div> Union. .</div><div> Intersection. .</div><div> Difference. .</div></div>	

New Set...

Clear Set

Use Set

Rename...

Save Sets...

Load Sets...

Done

Set Manager- Tip #75

Invoking Set Manager

The Set Manager dialog can be displayed by:

- selecting **Select => Set Manager...** from the menu bar

Set Manager from the "Select" menu

Select	Report	Help
Show All		⌘G
Show Subset		⌘H
Omit Subset		
Invert Selection		
Relate Selection...		
Set Manager...		
Quick Find...		
Find...		⌘F
Quick Query...		⌘S
Query Editor...		⌘E
Query by Index...		⌘I
Query by Formula...		
Order Selection...		⌘T

- or selecting Set Manager... from the Sets button popup on the Function bar

Sets button



Set Manager from Sets button



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Create A New Set

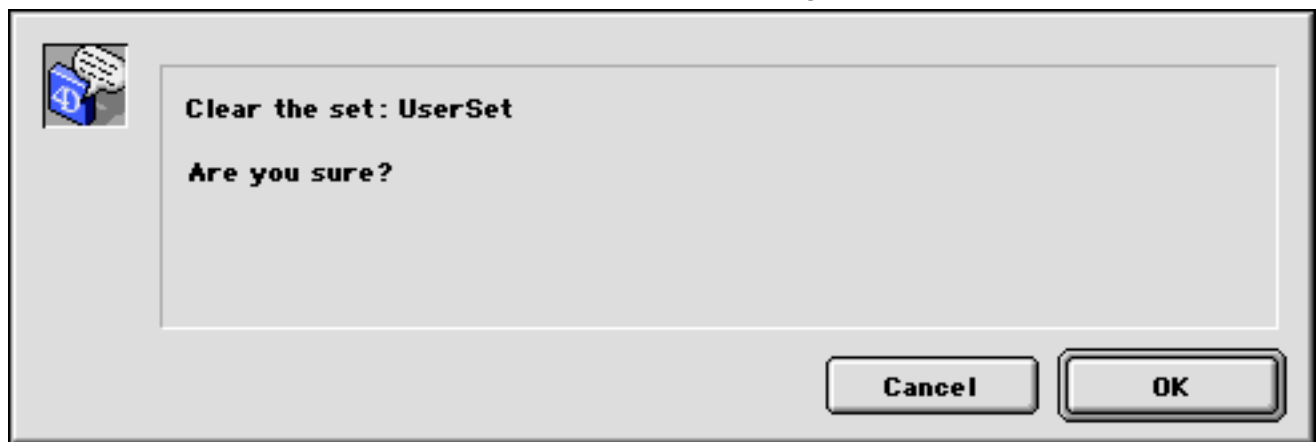
You can create a new set in the Set Manager by clicking the *New Set* button. This invokes the New Set dialog. See section 03.07.01 Creating a New Set for more information.

Clear Set

Clicking the *Clear Set* button in the Set manager dialog deletes the selected set name from the *Sets from [current table]* box. Typically, you select a set, click the *Clear Set* button, click the *OK* button in the confirmation dialog and you are returned to the Set Manager window.

NOTE: The set name you cleared is still visible in the *Sets from [current table]* box; however, it is not active/selectable. This appears to be a small bug. Clicking the *Done* button and the returning to the Set Manager dialog will actually move the cleared set(s) from the *Sets from [current table]* box.

Clear the Set confirmation dialog



Use Set

The *Use Set* button makes the currently selected set the current selection. After a set is selected and the *Use Set* button is clicked, the Set manager dialog closes and the List window displays the records in the set.

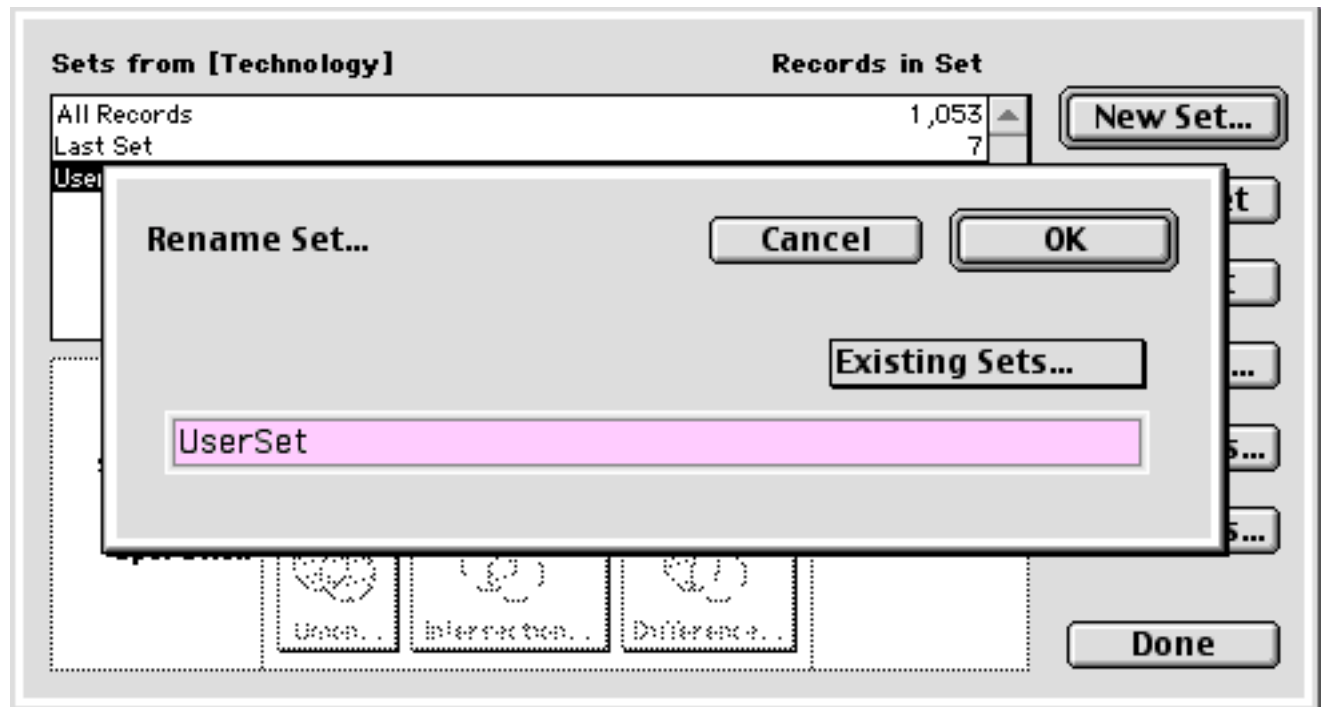
Set Manager- Tip #75

Rename Set

Clicking the *Rename...* button displays the *Rename Set* dialog. You can either :

1. Type the new name of the selected set in the field and click the *OK* button

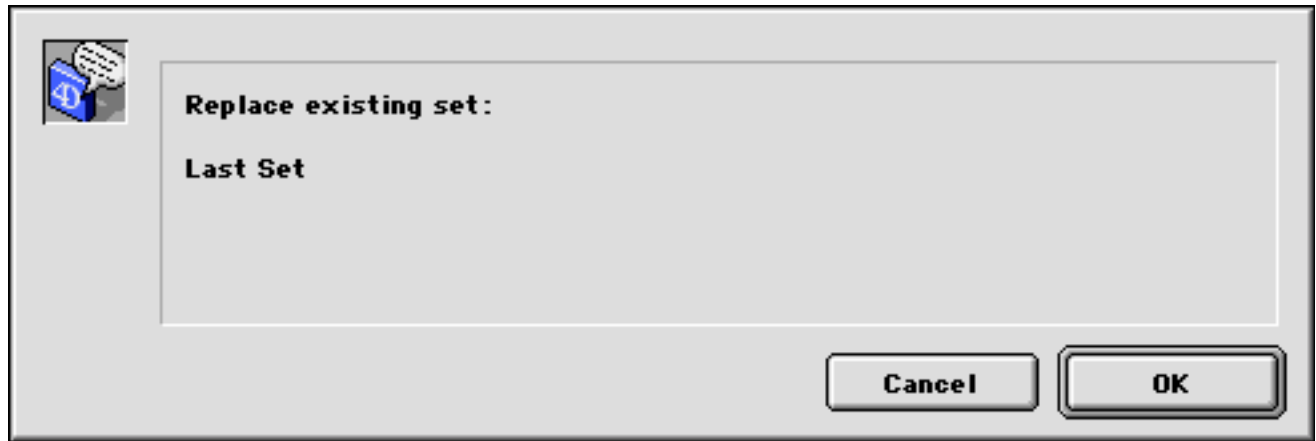
Rename Set dialog box



Set Manager- Tip #75

2. Select a set name from the *Existing Sets* pulldown and click the *OK* button to the *Replace existing set* confirmation dialog. This renames the current set to the selected name in the pulldown, thereby deleting the old set.

Replace existing Set dialog



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Save Set

The *Save Set* button is used to save the selected set on the disk using the OS specific Save dialog. Save set is often used to save to disk the results of a time-consuming search. The first time you save a set in a session, you must address the save set warning dialog.

Save Set warning dialog



The document need not have the same name as the set. If you supply an empty string for document, a Create File dialog box appears so that the user can enter the name of the document.

You can load a saved set with the *Load Sets...* button.

NOTE: Again, remember that a set is a representation of a selection of records at the moment that the set is created. If the records represented by the set change, the set may no longer be accurate. Therefore, a set saved to disk should represent a group of records that does not change frequently. A number of things can invalidate a set: modifying a record of the set, deleting a record of the set, or changing the criteria that determined the set. Also remember that sets do not save field values.

Load Set

The *Load Set...* button allows you to load a set from a document that was saved with the *Save Set* button. Clicking *Load Set...* displays a OS dependent Open File dialog box appears where you choose the set to load.

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The set that is stored in document is loaded into the *Sets from [current table]* box. If the set loaded from disk has the same name as an existing (i.e. created in memory) set, the set created in memory is overwritten.

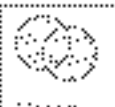
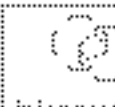
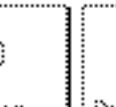
Set Manager- Tip #75

Set Operations

The Set manager allows you to perform the basic Set operations. See section 03.07.03 Set Operations for more details.

Set Manager dialog window

Sets from [Technology]		Records in Set
All Records	1,053	
LastSet	3	
MySet	7	
UserSet	14	

First set	None Selected	Empty
Second set	None Selected	Empty
Operation	<div><div> Union..</div><div> Intersection..</div><div> Difference..</div></div>	

New Set...

Clear Set

Use Set

Rename...

Save Sets...

Load Sets...

Done

Set Manager- Tip #75

Generally you:




- decide which operation (Union, Intersection, Difference) you want to perform,
- select the first set from the None Selected pulldown (beside the **First set** label),
- select the second set from the None Selected pulldown (beside the **Second set** label),

Sets for operations

The screenshot shows a dialog box titled "Sets from [Technology]" with a table of sets and their record counts. Below the table, there are fields for "First set" and "Second set", and a section for "Operation" with three icons: Union, Intersection, and Difference. On the right side, there are buttons for "New Set...", "Clear Set", "Use Set", "Rename...", "Save Sets...", "Load Sets...", and "Done".

Sets from [Technology]	Records in Set
All Records	1,053
LastSet	3
MySet	7
UserSet	14

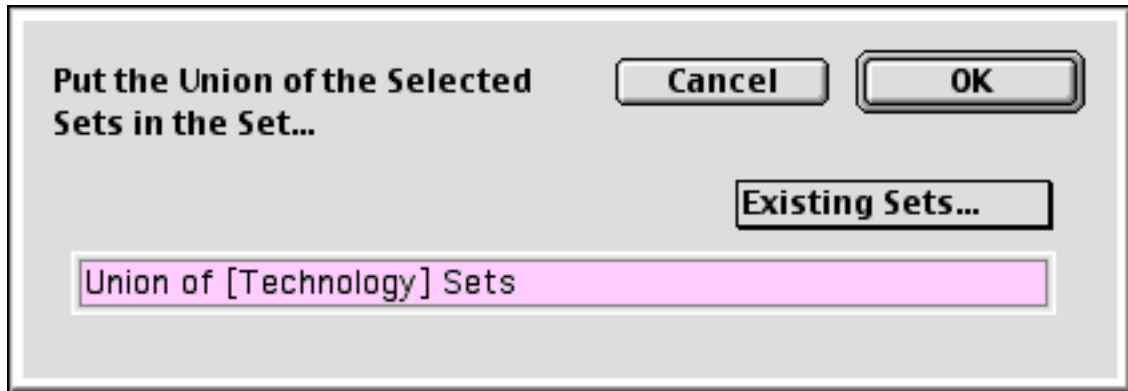
First set	LastSet	3
Second set	MySet	7

Operation	 Union...	 Intersection...	 Difference...
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- Select the type of operation and click *OK*

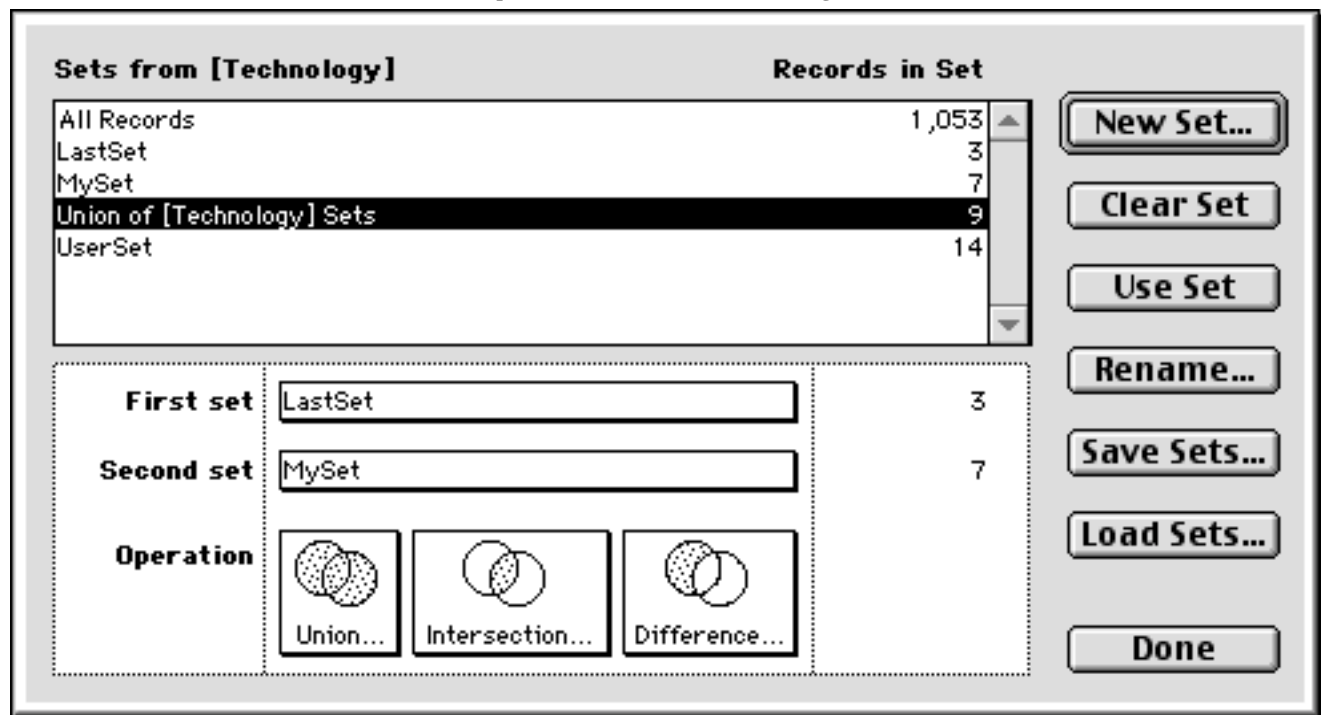
Union dialog

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- See the set added to the sets list

Operation Set added to the Set Manager



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